

ABSTRACT OF THE DISCLOSURE

One or more embodiments of the invention provide a visual cue for placing a first geometric entity in a three-dimensional space represented in a computer-implemented graphics program. A two-dimensional viewport of 3D space is displayed on a display device. The operator selects a first point within the two-dimensional viewport. Based on the first point, a visual cue is displayed in the two-dimensional viewport that indicates a coordinate system plane within the three-dimensional space. The coordinate system plane identifies a plane where the first geometric entity is to be placed. Using the visual cue, a second point is selected on the coordinate system plane in the two-dimensional viewport. Thereafter, the first geometric entity is placed on the coordinate system plane based on the second point.

“Express Mail” mailing label number 62815953230 US
Date of Deposit AUGUST 21, 2001
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